

IN THE SPECIFICATION:

Please amend the specification as follows:

Please amend the first full paragraph on Page 1 beginning on line 4 to read as follows:

The invention relates to a method of compensating for a radiation pattern in a base station of a radio system and to a radio system and a base station implementing the method.

Please amend the second full paragraph on Page 2 beginning on line 10 to read as follows:

~~A further~~ Another object of the invention is to provide an improved radio system comprising: a base station for forming a radio interface of the radio system; the base station comprises at least two antenna branches for establishing a radio link to terminals; each antenna branch comprises at least one antenna element for forming an antenna array; and the base station comprises means for weighting signals of the functional antenna branches to form a primary radiation pattern. The radio system is characterized in that the base station is arranged to disconnect at least one antenna branch and the weighting means are arranged to weight signals of the functional antenna branches to form a radiation pattern which compensates for the primary radiation pattern.

Please add the following paragraph on Page 2, between lines 19 and 20 to read as follows:

Still another object of the invention is to provide a base station of a radio system, comprising: at least two antenna branches for establishing a radio link to terminals, each antenna branch comprising at least one antenna element for forming an antenna array; weighting means for weighting signals of the functional antenna branches for forming a primary radiation pattern, wherein the base station is arranged to disconnect at least one antenna branch; and wherein the weighting means are arranged to weight signals of the functional antenna branches to form a radiation pattern which compensates for the primary radiation pattern.